

ABSTRACT OF THE DISCLOSURE

An air conditioning system is arranged to use a power line for communication. The air conditioning system includes one or more indoor units, one or more outdoor units, and a system controller for controlling the indoor units or outdoor units and executes communications between the indoor units and the outdoor units as overlapping a signal on the power line for supplying electric power. The outdoor units are connected with the system controller through a leased communication line. The indoor unit provides a power line communication device being connected with the power line. The outdoor unit provides a leased communication device being connected with the leased communication line. A bridge is also provided for connecting the leased communication line and the power line. The control information is exchanged mutually between the indoor units, the outdoor units and the system controller through the power line.